

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-6 (canceled).

7. (previously presented): An electronic device, comprising:
a body having rotation pins;
a display having fixing brackets and displaying an image based on a picture signal;
a lock selectably locking and unlocking said fixing brackets to said rotation pins;
a light emitting module coupled to one of said rotation pins to be rotated therewith; and
a light receiving module in said display, receiving said picture signal as light emitted from said light emitting module.

8. (Original) The electronic device according claim 7, wherein said lock comprises, for said locking:

a locking groove formed in a head of one of said rotation pins;
a locking member movably installed in said display to move toward and couple to said locking groove when said display is connected to said body; and
a spring elastically pressing said locking member toward said locking groove.

9. (Original) The electronic device according to claim 8, wherein lock comprises, for said unlocking:

a guide hole formed in said display; and

an unlocking lever having one end coupled to said locking member and another end slidably installed in said guide hole.

10. (Original) The electronic device according to claim 7, wherein said rotation pins are mounted in said body at a mounting portion protruding from one plane of said body, and said rotation pins are symmetrically installed at both ends of said mounting portion.

11. (Original) The electronic device according claim 7, wherein said light emitting module is disposed between a pair of said rotation pins.

12. (Original) The electronic device according to claim 7, wherein:

each of said rotation pins has a fastening portion with a rectangular cross section at one end;

each of said fixing brackets has a fastening groove corresponding to the shape of said rectangular cross section of said fastening portion; and

said rotation pins and said fixing brackets rotate together with said fastening portion of each of said rotation pins being connected to said fastening groove of a corresponding one of said fixing brackets.

13. (new) The electronic device according to claim 7, wherein said light receiving module has electrodes that penetrate said light emitting module.

14. (new) The electronic device according to claim 7, wherein said light receiving module comprises a photo diode and said light emitting module comprises a laser diode.

15. (new) The electronic device according to claim 14, wherein said photo diode faces said body when said fixing brackets are locked to said rotation pins and said display is in an open position.

16. (new) The electronic device according to claim 7, wherein the electronic device is configured such that a direction in which said light receiving module is moved to engage said light emitting module is the same direction that said fixing brackets are moved to engage said rotation pins.